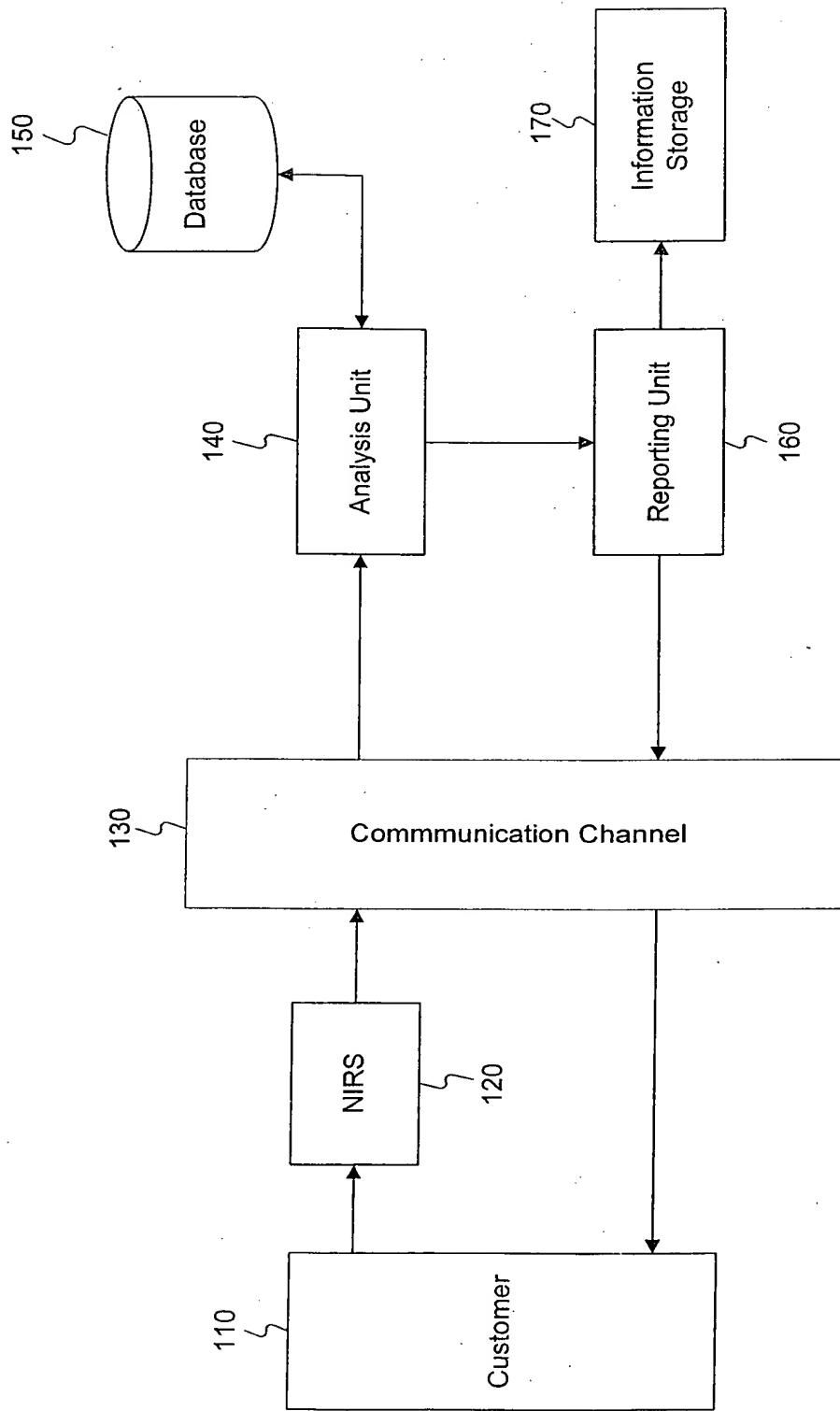


**FIG. 1**



# N.I.R.S. Material Analysis

Select your NIR file

210

Cereal

220

Silage corn

230

240

Do not hit the submit button more than once.

**FIG. 2**

## Prediction results

Prediction results for the total and poultry digestible amino acid content for sample:  
Spectra file: Vande.nir

	Predicted (%) Total	Predicted (%) Dig.	Associated errors Total	Associated errors Dig.
Protein	46.77			
Lysine	2.45	1.72	0.21	0.34

FIG. 3

Prediction results for the total and digestible amino acid content for sample:

RPAN ID code:

Customer ID code:

	Predicted (%)		RMSEP	
	Total	Dig.	Total	Dig.
Protein	62.7		2.7	
Lysine	2.79	1.79	0.25	0.29
Methionine	0.87	0.64	0.11	0.11
Cysteine	2.00	1.26	0.20	0.16
Sulfur AA	2.83	1.82	0.15	0.17
Threonine	2.96	2.06	0.13	0.15
Tryptophan	0.69	0.49	0.08	0.08
Valine	4.31	3.08	0.20	0.22
Isoleucine	2.83	2.13	0.21	0.22
Leucine	4.87	3.67	0.28	0.31
Phenylalanine	2.81	2.06	0.16	0.23
Histidine	1.63	1.29	0.23	0.24
Arginine	3.93	3.21	0.46	0.48
AAdigestimator		73		
Spectral Prox.		1.5		

#### NOTES

- Results provided are predictions and not actual analytical values.
- RMSEP= measure of expected variation of prediction
- Predictions are prepared using Calibration version No. 1.01
- AAdigestimator is an index for the digestibility of the average essential amino acid and may be used to compare digestibility of similar samples. Digestibility coefficients calculated for individual amino acids are not meaningful since predictions for total and digestible amino acids are independent.
- Sulfur AA is predicted independent of methionine and cysteine.

\*

FIG. 4

Prediction results history		
Date	File	Results
Tue, March 5th, 2001	Cereal.nir	Ground hay
Fri, March 9th, 2001	Corn.nir	Slage corn

Click on the file name to see the prediction results.

FIG. 5

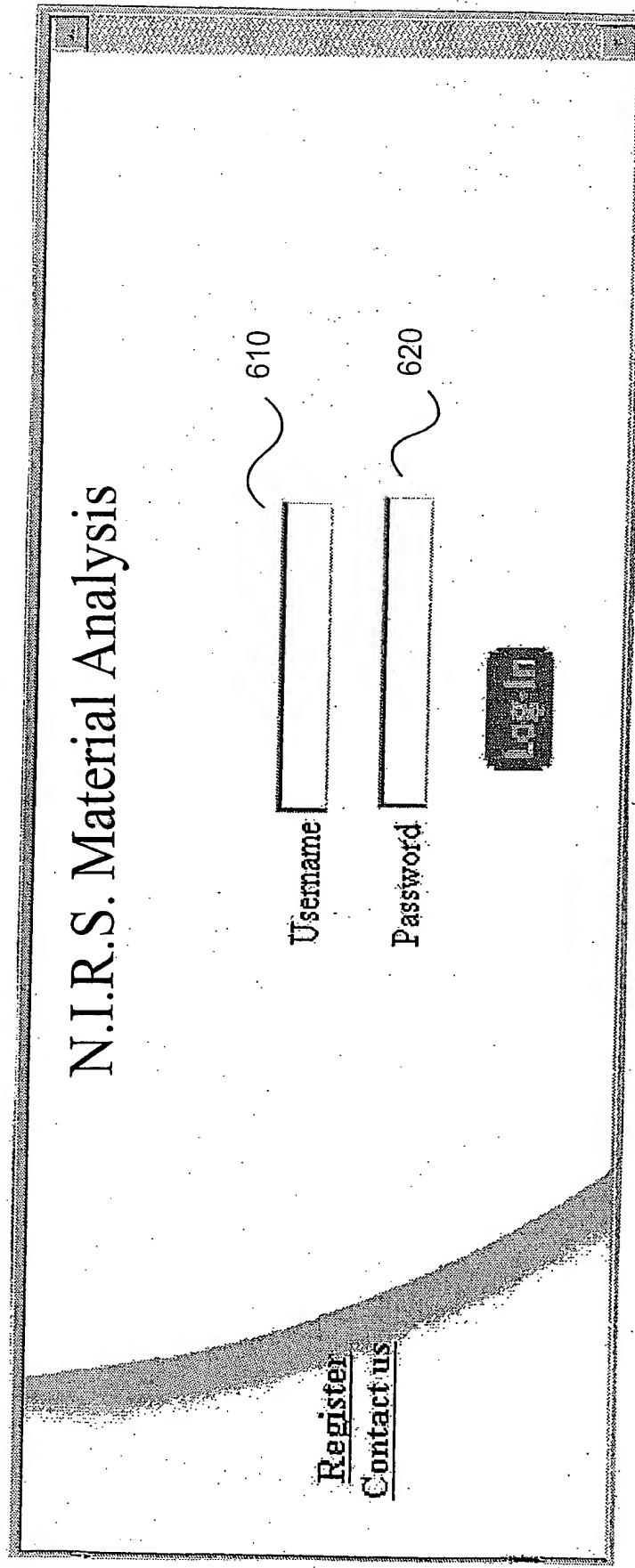


FIG. 6

### Customer account

Username  
Firstname  
Email address  
Company  
Address  
City  
State/Province  
Postal (ZIP) code  
Country  
Predictions available

Update customer

FIG. 7

**FIG. 8**

Absorbance at 1950 nm

